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**From:** Skutt, Darin [Darin.Skutt@carusllc.com]  
**Sent:** 1/13/2023 8:06:03 PM  
**To:** cpozzi@lasallecounty.org; b.bader@lasalle-il.gov; Ruesch, Paul [ruesch.paul@epa.gov]; Kondreck, Robert [kondreck.robert@epa.gov]  
**CC:** Postula, Tim [Tim.Postula@carusllc.com]; Anzelc, JoLynn [JoLynn.Anzelc@carusllc.com]  
**Subject:** Permanganate FAQs and Info  
**Attachments:** (INTERNAL) FAQ Manganese Dietary Sources April 2020.pdf; (INTERNAL) FAQ Potassium Dietary Sources April 2020.pdf; Quality Drinking Water with Permanganate.pdf; CAIROX Empty Drum Disposal & Stain Removal.pdf

Good Afternoon,

Tim Postula asked me to send you some additional info and FAQs on potassium permanganate. The quality drinking water brochure gives information on the most common use of potassium permanganate and how it is typically used in a community to purify drinking water for human consumption. The two FAQs are the resulting products after potassium permanganate (purple color) reacts with contaminants in the environment to turn into manganese dioxide (brown/black color) and potassium. Manganese dioxide is inert and not hazardous but the staining can be a nuisance. The CAIROX empty drum disposal lists the PPE and the cleaning solution that can be used to clean the stains from houses, cars, and equipment and is the 1/3 food grade white vinegar, 1/3 water, 1/3 3% store grade hydrogen peroxide that has been listed online and is a mild solution that our customers use at their plant sites.

We are working on an additional FAQ with more details related to the fire and will provide that when we have it later today.

If you have any questions on the information, please feel free to reach out to me to discuss as I've worked at Carus for 24 years at customer sites handling and using our products.

Thanks.



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